

Montana Disaster & Emergency Services

1100 North Main

Helena, Montana 59620-2111



THE DOCUMENTS COLLECTION

1993

MONTANA STATE LIBRARY
1515 E. 13th AVE
HELENA, MONTANA 59601

FIRST CLASS

Montana State Library
DEADHEAD MAIL

DES NEWSLETTER NOVEMBER 1993

VOLUME 21

NUMBER 4

John E. Prendergast
Adjutant General

Jim Greene
Administrator

Marc Racicot
Governor

Notes From the Administrator

As of October 18th, I started as the Administrator for the Disaster and Emergency Services Division. I am looking forward to an exciting and personal challenge. For those of you who don't know me, I transferred from the Department of State Lands as the Fire Program Manager for the Central Land Office located in Helena. I had worked for DSL for over 22 years including assignments in Anaconda, Hamilton, Kalispell and Missoula. My wife Jeanne and I make our home in the Helena Valley and have four children.

As the new Administrator, I see many potential changes in the mission and operational procedures of the Division. The needs of local jurisdictions, coupled with changes at the Federal Emergency Management Agency (FEMA), result in the opportunity to assess future missions and organization. We will be soliciting participation from local jurisdictions and hope to create a better partnership between all levels of the emergency organizations.

We have already started to address the concerns presented by the Montana Association of DES Coordinators. Besides keeping you informed, we expect to involve your ideas in the decision making process. I encourage you to help the process by keeping myself, staff and district representatives apprised of your ideas and concerns. Our overall focus will be to provide service to the local jurisdiction.

A special thanks is in order for Dan Lieberg who has been the Acting Administrator for the last nine months. Transition roles are often difficult and Dan had to deal with many challenging situations. "Dan, thanks for a job well done."

I look forward to meeting those of you I don't know and to working closely with all of you.

Jim Greene
Administrator

HAZMAT GRANTS

Yellowstone County LEPC, in conjunction with the Montana SERC, received a Toxic Substances Control Act grant from the USEPA to develop a Public Information and Exercise program with regards to the Billings population and the siren/warning system, the Refineries' Response Teams and the Billings Fire Department.

The Salish-Kootenai Tribes received a hazmat grant from FEMA to host a Frontier Hazmat Risk Management conference. The conference will be held by the Salish-Kootenai Tribes in conjunction with the EPA, FEMA and Montana DES. The conference is scheduled to be held in April at the KwaTaqnuk Resort in Polson.

Fred Cowie

THE ERG

The 1993 version of the U.S. Department of Transportation Emergency Response Guidebook (ERG) is scheduled to be shipped from the printer in mid-November. I would not anticipate receiving Montana's allocation until

mid-December. Distribution will occur as in the past, from the State DES office in Helena to the State DES District Representatives to DES Coordinators to emergency response organizations. The State DES office will make distribution to State Government agencies such as the Department of Transportation, Department of State Lands, Highway Patrol and etc. We do not have a budget for distribution, so please don't ask us to mail books to you. Our District Reps will do everything they can to distribute the ERG's to Local DES Coordinators in a timely and efficient manner. Thanks for your help and patience.

Dan Lieberg

RADEF OUTLOOK

The future of the RADEF program is uncertain at this time due to the down sizing by the Federal Government and FEMA. Fiscal 1994 will be a year of reorganization.

Options under consideration are:

1. Exchange RADEF instruments and check RADEF plans.

2. Pick up all Shelter Sets (CDV-777) and some Monitor Sets (CDV-777) and locate them in a central warehouse (possibly Fort Harrison). Set up an instrumentation program to rotate, calibrate and repair the float stock so it would be available to distribute in times of increased tension.
3. Realign the RADEF shop operations program to reflect the "all hazard" approach.
4. FEMA may set up a Regional RADEF shop.
5. Eliminate the RADEF program.

All decisions will be based on and controlled by CCA funding availability and FEMA.

Counties requiring training must sign up early if they want to retain their monitoring capabilities. Counties without trained personnel will have their instruments picked up.

RADEF training will be coordinated and conducted by George Christensen, State Training Officer. There is a Radiological Response Team (RRT) course scheduled in Bozeman from April 12th to the 15th, 1994.

Jim Brown

DISASTER CRYSTAL BALL

Disaster researchers for years have been predicting that there will be more and worse disasters in the future. Why? The following is summarized from "Community Crises: A Comparison of the Characteristics and Consequences of Disasters and Riots", a 1992 paper by Dr. E.L. Quarantelli of the Disaster Research Center at the University of Delaware.

1. *Old kinds of natural disaster agents will simply have more to impact.* Population growth, building of structures and economic development means that in most places, more people, more property and more wealth are increasingly at risk.
2. *New and increasing kinds of technological accidents and mishaps that were almost non-existent prior to World War II.* Examples include manufacture and transportation of extremely toxic chemicals including nuclear wastes. Also, natural disaster agents can generate concurrent technological disasters which require far more costly cleanups and specialized medical treatments.
3. *Technological advances that add complexity to old threats.* Ironically, new building materials designed to prevent people from being burned raise the probability of asphyxiation. Electronic grid system malfunctions can affect large areas of the country.
4. *New versions of past dangers.* Droughts are normally thought of as rural problems, however, damage to water supply systems or pumping stations can quickly make drought an urban problem. Crumbling infrastructure (bridges, water mains, rail systems and etc.) increases the variety of disastrous possibilities.
5. *Developing kinds of new risks that have not been traditionally thought of as in the province of emergency management.* Good examples are biotechnological accidents and computer failures.
6. *Conflict type occasions are more likely in the future.* Examples here are class, ethnic, religious and other sharply differentiating social situations.

In summary, researchers make two important points: increased risks do not automatically mean increased crises and we should stop thinking of disasters solely in terms of casualties and property damage; that is, future crises will partly differ from those of the past and present in that they will increasingly be economically costly, socially disruptive and politically dividing.

Bill Thomas

GOVERNOR'S CONFERENCE

On September 19, 1993 a group of individuals comprised of Commissioners and DES representatives met to discuss the direction of the next Governor's Conference. The group felt it was time to go "Back to the Basics" because we are virtually addressing a new audience. Suggested topics included:

1. Legal basis of emergency management
2. Role of the Commissioners
3. Role of the DES coordinator
4. Use of Local Government Disaster Information Manual
5. Declaring disasters and emergencies
6. The "two" mil levy
7. Consolidation
8. The "little disasters"

The group was interested in the future direction of emergency management and felt it should include information on hazard mitigation.

The DES division will make every effort to address the training needs identified. The Curriculum Advisory Committee recognizes that

due to logistics, schedules and finances, some adjustments may be necessary. The division greatly appreciated the valuable input received from the Committee and is extremely grateful to the participants.

Chris Christensen

Displays & Poster Session

As in the past, there will be an opportunity for not-for-profit displays at this year's Governor's Conference. Also this year, we would encourage any local jurisdiction that is interested in sharing a successful program or project to participate in a poster session during this year's meeting.

Please contact Bob Musselman at DES in Helena with any prospective invitee and to reserve display space if you have a display for the poster session no later than January 1, 1994.

Bob Musselman

STATE & LOCAL EXERCISE PROGRAM

STATE-SUPPORTED EXERCISES

7/27 TT NH
SHAKER 93 - Earthquake
Exercise - State DES &
Broadwater County

8/16 NH
SHAKER 93 - Earthquake
Exercise - State Agencies:
Department of Natural
Resources, Department of
Transportation and Montana
National Guard

8/18 FS TH
AIRPORT EXERCISE - Mass
Casualty - Gallatin County &
Belgrade Fire Department

8/25 FS TH
AIRPORT EXERCISE - Mass
Casualty - Lewis & Clark
County, City of Helena, Helena
Fire Department

8/26 TT NH
SHAKER 93 - State Agencies &
Broadwater County

8/30 NH
SHAKER 93 - State DES
Message Control

9/8 TT NH
SHAKER 93 - State Agencies &
Broadwater County

9/8 OR NH
SHAKER 93 - MESSAGE
CONTROL State DES EOC

9/20 TT NH
SHAKER 93 -
WALK-THROUGH

9/21 FS NH
SHAKER 93 - Earthquake -
Broadwater County, State
Agencies

9/21 FS NH
SHAKER 93 - EQ/State DES,
DNRC and National Guard

9/21 FS TH
AIRPORT EXERCISE -
Cascade County & City of Great
Falls

9/27 FS NH
TORNADO - Richland County

9/27 FS TH
HAZARDOUS MATERIALS
ACCIDENT - Powell County

EMERGENCY MANAGEMENT TRAINING

4TH QUARTER 1993

G241 - DECISION MAKING &
PROBLEM SOLVING
8-HOUR COURSE
September 2, 1993
Helena, MT
19 participants
Course Manager:

NJ Ilminen

Instructors:

Bill Murray-Cascade Co
Larry Laknar-Beaverhead Co

G250.1 - CONTINUITY OF
GOVERNMENT
8-HOUR COURSE
September 2, 1993
Helena, MT
16 participants
Course Manager:
Chris Christensen
Instructor:
Dr. Fred Cowie

G280 - PUBLIC POLICY IN
EMERGENCY MANAGEMENT
8-HOUR COURSE
September 14, 1993
Hardin, MT
10 participants
Course Manager:
Chris Christensen
Instructors:
Carole Raymond, Rosebud Co

G280 - PUBLIC POLICY IN
EMERGENCY MANAGEMENT
8-HOUR COURSE
September 16, 1993
Sidney, MT
12 participants
Course Manager:
NJ Ilminen
Instructors:
Carole Raymond, Rosebud Co

G320 - FUND COURSE FOR
RADIOLOGICAL MONITORS
(12-HOUR COURSE)
July 26, 1993
Superior, MT
15 participants
Course Manager:

Jim Brown



G378 - LOCAL HAZARD
MITIGATION PLANNING
(8-HOUR COURSE)
September 1, 1993
Helena, MT
60 participants
Course Manager:

Larry Akers, DPI

Instructor:
Clancy Phillipsborn

G305.7 - OVERVIEW OF THE
INCIDENT COMMAND
SYSTEM (4-HOUR COURSE)
July 13, 1993
Big Timber, MT
13 participants
Course Manager:
Bill Bishop, District II Rep

G305.7 - OVERVIEW OF THE
INCIDENT COMMAND
SYSTEM (4-HOUR COURSE)
July 21, 1993
Helena, MT
29 participants
Course Manager:
Bill Bishop, District II Rep

G605 - NEW COORDINATORS'
ORIENTATION
(6-HOUR COURSE)
August 31, 1993
Helena, MT
13 participants
Course Manager:
Jim Anderson, Operations Officer
Instructors:
State Staff Program Managers

G652 - GRANT WRITING
COURSE (16-HOUR COURSE)
This course was written by Dr
Fred Cowie, State Staff
He piloted this course in Forsyth,
MT on July 22-23, 1993
10 participants
Course manager:

Dr. Fred Cowie

EMI HOME STUDY UPDATES

Effective October 1, 1993:

The Home Study Program will be renamed the "INDEPENDENT STUDY (IS) PROGRAM". When current course materials are reprinted, the "HS" designation will be replaced with "IS".

"PREPAREDNESS PLANNING FOR A NUCLEAR CRISIS" (HS-4) will be removed from the list of available independent study courses. Students already enrolled will be able to complete the course.

Five new independent study courses:

IS-260, PREPARING TO TRAIN ADULTS, available January 1994

IS-290, INTRODUCTION TO PUBLIC INFORMATION, available January 1994

IS-301, RADIOLOGICAL EMERGENCY RESPONSE, available January 1994

IS-330, REFRESHER COURSE FOR RADIOLOGICAL MONITORS, (videotape & student manual) available October 1993

IS-336, REFRESHER COURSE FOR RADIOLOGICAL RESPONSE TEAM, available October 1993

NancyJo Ilminen

Mass Fatalities Course Postponed

The Mass Fatalities Incident Course scheduled to be conducted in Helena November 8-10, 1993 has been postponed because of guest speaker scheduling conflicts. This course will be conducted in late April of 1994; the exact dates will be announced soon.

As announced in the training calendar, there will be no student stipend offered for this course; however, leading experts in the field from across the country are scheduled to attend.

Bob Musselman

HAZARD MITIGATION

I would like to take this opportunity to congratulate those of you who attended our September 1, 1993 Local Hazard Mitigation Course taught in Helena. Your comments on the course have been quite positive. It's like I said in my introduction, it is easy to be course manager when you can hire the best. Mr. Phillipsborn is an excellent speaker. When you have the person who wrote the book, you have the expert. Many of you commented we should have Mr. Phillipsborn back to speak at the Governor's Conference. I agree, please make your request known to the training office in Helena.

Since the class, I have had several mitigation inquiries and presently I am working with the State Hazard Mitigation Team (SHMT) on one that may have significant impact on a small community and its repeated problems with flooding.

The most commonly asked question is, "What is the format or how do I write up a project?". This is an area that we failed to cover in the course. One of the reasons for the emphasis on Hazard Mitigation is to

identify projects now and have them ready when the Presidential Disaster is declared. Therefore it would seem logical to use the federal criteria. Each project submitted must contain the following information:

1. Name of Subgrantee (local government or other entity which is eligible for assistance)
2. State or Local contact for the project
3. Location of the project.
4. Description of the project
5. Cost estimate of the project
6. Analysis of the project's cost effectiveness and substantive risk reduction consistent with Federal 404 Regulations
7. Work schedule
8. Justification for selection
9. Alternatives considered
10. Environmental information consistent with CFR 9, Flood Management and Protection of Wetlands, and CFR 10, Environmental Considerations.

The above information should suffice for an informal project into our

office. As you know, during non disaster time, there is generally little or no money available. However, sometimes there may be funding available through some other State or Federal program. This is one of the main reasons to write the project and for the SHMT to look over your proposed project. Upon request I can send you the six page Federal/State application form and the Environmental Considerations questionnaire.

Larry Akers

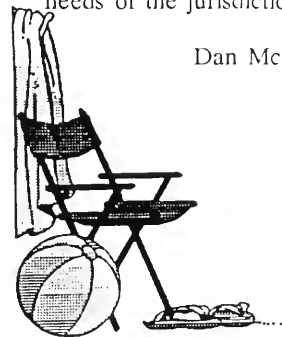
COOPERATIVE COMPREHENSIVE AGREEMENT

The second week of September, I attended a workshop in D.C. sponsored by FEMA and NEMA regarding the CCA agreement process. FEMA, NEMA and several State representatives were present for the three-day meeting. The committee took a lengthy report developed by an advisory committee and revised the CCA development and reporting process so it is keyed more toward specific State and Local development needs. The CCA process draft revolves around State and

Local three-to-five year work plans. The process allows jurisdictions to tailor the CCA according to their development needs and include FEMA requirements.

I will be attending a follow-up meeting the first part of November. The committee hopes to finalize the CCA process so it is more user friendly and flexible to the needs of the jurisdictions.

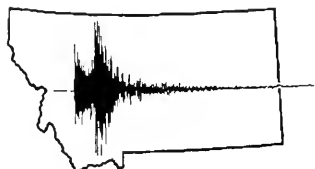
Dan McGowan



DROUGHT UPDATE

Papers have been submitted to the Secretary of Agriculture requesting a declaration for Musselshell County due to severe weather, drought and hail. The Secretary has received the information and will be evaluating the damage assessment reports provided by the Food and Agricultural Council.

Dan McGowan



EMERGENCY LOAN ASSISTANCE

A memorandum from the U.S. Department of Agriculture indicated that Sheridan, Richland and Roosevelt counties were designated contiguous disaster counties due to the natural disaster in North Dakota declared by the President. This action makes emergency loans available due to the damages and losses as a result of severe storms and flooding, which occurred on June 28, 1993 and continuing. The expiration date for this action is September 30, 1994. Applications must be in by April 26, 1994. For further information, contact your local ASCS office.

Dan McGowan

EARTH QUAKE SHAKERS

"Tremor Troop Reunion"

The Earthquakes and Schools Workshop for Tremor Troop trainers is scheduled to be conducted at Montana Tech April 22-24, 1994.

The Project Partners Science Director, Nina Klein, has secured funding from the National Earthquake Hazard Reduction Program (NEHRP) to conduct a "reunion" for teachers who have attended the Tremor Troop train-the-trainer at Tech or EMI. A limited number of slots will be offered to school administrators (principals and/or school superintendents). If you are aware of a school administrator interested in attending please contact Bob Musselman with that information.

Bob Musselman

Bozeman Selected for Pilot EQ Project:

The firm of Dames and Moore is developing a program of Earthquake Awareness and Safety for Small Businesses. Part of the development is to conduct pilot projects in selected cities throughout the U.S. before the final product is delivered to the National Earthquake Hazard Reduction Program (NEHRP) for nationwide distribution. NEHRP and Dames and Moore have selected Bozeman as a sight for a pilot project and this informational media and hazard mitigation campaign will be conducted in the Spring of 1994. Details are being worked out as this newsletter goes to press...more later.

Bob Musselman

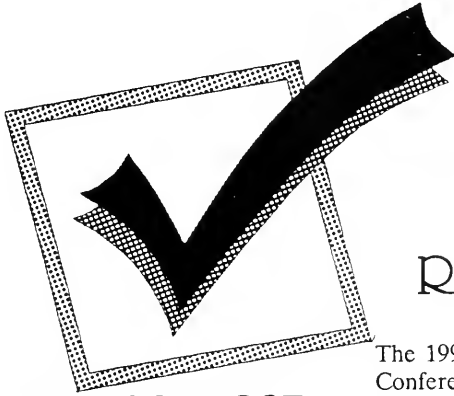
MISCELLANEOUS

Madison County is looking for a diesel generator manual for:

Consolidated Diesel
Electric Co.
Model # MEP007A - CAT
Diesel Engine

If you have access to one of these manuals or have an extra, please contact John Allhands at 843-5392.

Bill Thomas



STEER COMPOST ENTERS THE EMERGENCY MANAGEMENT ARENA

Thousands of nuclear bombs have been constructed. Now that peace has broken out, the challenge of deconstructing the bombs lies ahead. According to an article in the fall 1993 "Journal of Civil Defense", scientists at the Los Alamos National Laboratory have discovered a unique way of degrading the conventional explosives that surround the pit of nuclear devices. The secret: cow manure. Harry Flaugh, the laboratory's dismantlement program officer says, "Essentially you make a mulch by adding equal parts of cow manure to the explosive and you just let it cook. It does a pretty good job of degrading it."

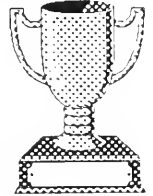
Bill Thomas

REMINDER

The 1994 Governor's Conference/Emergency Management Workshop room reservations must be booked by January 30, 1994. Return your reservation request to the Holiday Inn Billings Plaza. You may also call them at 248-7701 or 1-800-637-3670 to make your reservations; make sure you tell them you are with the MACO/DES Conference. If you need assistance, give me a call at 444-6911. See you in February.

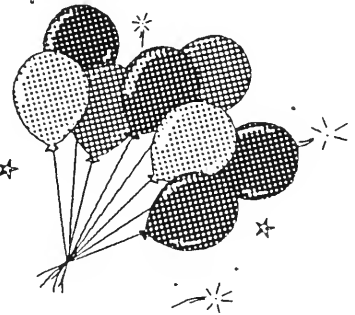
Gail Dreher

CONGRATS



Congratulations to Wilma Puich, Butte-Silver Bow coordinator and Helen Elliott, former Pondera County coordinator. They were recently awarded the designation of Certified Emergency Managers (CEM) by the National Coordinating Council on Emergency Management. They join a limited and select group of CEM's around the nation.

Bill Thomas



Happy

Holidays

The Montana Disaster and Emergency Services Newsletter is a quarterly publication of the Disaster and Emergency Services Division. It is funded, in part by a grant from the Federal Emergency Management Agency.

Contributions of articles and ideas are welcome. Deadlines for submission are January 8–February issue, April 8–May issue, July 8–August issue and October 8–November issue.

The editor reserves the right to edit for clarity and length. The articles in this newsletter do not constitute official policy. Questions regarding articles may be addressed to the DES Newsletter Editor.

The August 1993 issue of the Disaster and Emergency Services Newsletter was printed at a cost of \$105.55. Mailing costs were \$78.00 for a total of \$ 0.99 per copy.